

STEREO MOC Status Report  
Time Period: 2008:287 - 2008:293

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 291, the planned DSS 15 antenna was red before the track started. The DSN Ops Chief thoughtfully switched the support to DSS 26 with the only change being that the track was 10 minutes shorter. All SSR playback data was recovered.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On day 287, during the DSS 45 support, AHEAD began routine use of the 480 kbps downlink rate.
- The average daily SSR playback volume for Ahead was 6.9 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 287, during the DSS 55 support, the ranging pre-calibration could not be performed due to a failed X-band translator. As a result, no ranging data was available for the track. See DR# M105085 for more information.
- On day 288, DSS 43 transmitter tripped off-line at 1059Z resulting in several minutes of data loss for all. As a result, commanding and tracking data were not available for 136 minutes. See DR# C106576 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- On days 289, supported IMPACT real-time commanding SWEA and STE.

- The average daily SSR playback volume for Behind was 6.9 Gbits during this week.